| | Туре | Hits | Search Text |
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| 1 | IS&R | 2022 | (358/1.9).CCLS. |
| 2 | IS&R | 253 | ((358/2.99) or (358/3.01) or (358/3.06)).CCLS. |
| 3 | BRS | 212 | ((((358/2.99) or (358/3.01) or (358/3.06)).CCLS.) not @ad>20001017) not (((358/1.9).CCLS.) not @ad>20001017) |
| 4 | IS&R | 272 | ((358/3.13) or (358/3.14) or (358/3.21) or (358/3.22)).CCLS. |
| 5 | BRS | 203 | ((((358/3.13) or (358/3.14) or (358/3.21) or (358/3.22)).CCLS.) not @ad>20001017) not ((((358/1.9).CCLS.) not @ad>20001017) or ((((358/2.99) or (358/3.01) or (358/3.06)).CCLS.) not @ad>20001017)) |
| 6 | BRS | 1965 | ((358/1.9).CCLS.) not @ad>20001017 |
| 7 | BRS | 244 | (((358/2.99) or (358/3.01) or (358/3.06)).CCLS.) not @ad>20001017 |
| 8 | BRS | 267 | (((358/3.13) or (358/3.14) or (358/3.21) or (358/3.22)).CCLS.) not @ad>20001017 |
| 9 | IS&R | 1178 | ((358/406) or (358/504) or (358/534) or (358/535) or (358/536)).CCLS. |
| 10 | BRS | 1151 | (((358/406) or (358/504) or (358/534) or (358/535) or (358/536)).CCLS.) not @ad>20001017 |
| 11 | BRS | 868 | ((((358/406) or (358/504) or (358/534) or (358/535) or (358/536)).CCLS.) not @ad>20001017) not ((((358/1.9).CCLS.) not @ad>20001017) or ((((358/2.99) or (358/3.01) or (358/3.06)).CCLS.) not @ad>20001017) or ((((358/3.13) or (358/3.14) or (358/3.21) or (358/3.22)).CCLS.) not @ad>20001017)) |
| 12 | BRS | 1 | "5943477".PN. |
| 13 | BRS | 1 | "6055065".PN. |
| 14 | BRS | 1 | "6172769".PN. |
| 15 | IS&R | 2 | (("5309177") or ("5347369")).PN. |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-------|------------------|----------|---------------------|
| 1 | USPAT | 2004/05/04 11:05 | | |
| 2 | USPAT | 2004/05/05 14:00 | | |
| 3 | USPAT | 2004/05/05 15:19 | | |
| 4 | USPAT | 2004/05/05 15:19 | | |
| 5 | USPAT | 2004/05/05 15:22 | | |
| 6 | USPAT | 2004/05/06 11:10 | | |
| 7 | USPAT | 2004/05/06 11:09 | | |
| 8 | USPAT | 2004/05/06 11:09 | | |
| 9 | USPAT | 2004/05/06 11:10 | | |
| 10 | USPAT | 2004/05/06 11:10 | | |
| 11 | USPAT | 2004/05/10 15:14 | | |
| 12 | USPAT | 2004/05/10 15:15 | | |
| 13 | USPAT | 2004/05/10 15:17 | | |
| 14 | USPAT | 2004/05/10 15:21 | | |
| 15 | USPAT | 2004/05/10 15:57 | | |

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| 1 | | Ø | US 450768 | 35 A | 19850326 | 21 |
| 2 | | ⊠ | US 392248 | 34 A | 19751125 | 14 |
| 3 | | × | US 625267 | 79 B1 | 20010626 | 26 |
| 4 | | ☒ | US 616092 | 22 A | 20001212 | 55 |
| 5 | | ⊠ | US 611893 | 35 A | 20000912 | 19 |
| 6 | | ⊠ | US 604939 | 95 A | 20000411 | 8 |
| 7 | | × | US 602097 | 78 A | 20000201 | 39 |
| 8 | | ⊠ | US 601450 | 00 A | 20000111 | 12 |
| 9 | | ☒ | US 586760 |)7 A | 19990202 | 14 |
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| 11 | | × | US 583212 | 22 A | 19981103 | 21 |
| 12 | | ☒ | US 582245 | 51 A | 19981013 | 19 |
| 13 | | ⊠ | US 510734 | 19 A | 19920421 | 9 |

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| | Title | Current OR | Current XRef |
|----|--|------------|---|
| 1 | Image recording device | 358/536 | 358/409 |
| 2 | Method for the rastered reproduction of colored | 358/534 | 348/32; 358/3.17 |
| 3 | Composite halftone screens with stochastically distributed clusters or lines | 358/1.9 | |
| 4 | Image forming apparatus with color adjustment | 382/274 | 358/1.9 |
| 5 | Digital halftoning combining multiple screens within a single image | 358/1.9 | 358/3.06; 358/3.2; 382/237 |
| 6 | Method and system for achieving enhanced gray levels in a screen cell array | 358/1.9 | 358/1.2 |
| 7 | Method and apparatus for color halftoning using interlocked threshold arrays | 358/1.9 | 358/3.2; 358/466; 358/535; 358/536; 382/237; 382/270 |
| 8 | Stochastic halftoning screening method | 358/1.9 | 358/3.19; 358/3.26 |
| 9 | Digital halftoning apparatus and method | 358/1.9 | 358/3.17; 358/465; 358/535; 382/254 |
| 10 | Halftone correction systems | 358/1.9 | 358/1.8; 358/3.14; 358/518; 358/534; 358/536 |
| 11 | Method of processing image data | 382/237 | 358/3.18; 358/3.26; 358/406; 382/270 |
| 12 | Method for halftoning a multi-channel digital color image | 382/162 | 358/535; 382/270 |
| 13 | Multiple screen frequency half-toning with one screen angle | 358/2.99 | 358/3.13; 358/461 |

| | Retrieval Classif | Inventor | s | С | P | 2 | 3 | 4 | 5 |
|----|----------------------|--------------------------------|-------------|---|---|---|---|---|---|
| 1 | | Kawamura, Naoto | \boxtimes | | | | | | |
| 2 | | Keller, Hans | ☒ | | | | | | |
| 3 | | Wang, Shen-ge | ⊠ | | | | | | |
| 4 | | Hayashi, Kouji | ☒ | | | | | | |
| 5 | | Samworth, Mark R. | ☒ | | | | | | |
| 6 | | Peregoy, James B. et al. | ⊠ | | | | | | |
| 7 | | Cooper, Brian Edward et al. | ⊠ | | | | | | |
| 8 | | Wang, Shen-ge | ☒ | | | | | | |
| 9 | | Shibuya, Takeshi et al. | ⊠ | | | | | | |
| 10 | | Wang, Shenge | ⊠ | | | | | | |
| 11 | | Shimazaki, Osamu | ⊠ | | | | | | |
| 12 | | Spaulding, Kevin Edward et al. | ⊠ | | | | | | |
| 13 | | Ng, Yee S. et al. | × | | | | | | |

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| 1 | บร | 4507685 | |
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| 10 | US | 5854882 | |
| 11 | US | 5832122 | |
| 12 | US | 5822451 | |
| 13 | us | 5107349 | |

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| 14 | | \boxtimes | US | 4884080 | A | 19891128 | 42 |
| 15 | | ☒ | US | 4724446 | A | 19880209 | 31 |
| 16 | | ☒ | US | 6515770 | В1 | 20030204 | 7 |
| 17 | | ⊠ | US | 6101002 | Α | 20000808 | 24 |
| 18 | | ⊠ | US | 5912745 | A | 19990615 | 27 |
| 19 | | ⊠ | US | 6714322 | B1 | 20040330 | 16 |
| 20 | | ☒ | US | 6714318 | В1 | 20040330 | 11 |
| 21 | | ⊠ | us | 6697167 | B1 | 20040224 | 59 |

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| | Title | Current OR | Current XRef |
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| 14 | Color image printing apparatus | 346/46 | 347/172; 358/3.06; 358/476; 358/501; 358/534; 430/293; 430/44 |
| 15 | Thermal transfer printing apparatus | 347/184 | 358/3.06; 358/502 |
| 16 | Dither mask generation with calibration-independent number of threshold levels | 358/3.13 | 358/3.22; 382/270 |
| 17 | Halftone-screen dither pattern generating method | 358/3.13 | 358/3.2; 358/534; 358/535; 358/536 |
| 18 | Void and cluster apparatus and method for generating dither templates | 358/3.13 | |
| 19 | Image processing apparatus, image processing method, and storage medium therefor | | 358/1.9; 358/3.01; 358/3.13; 358/3.23; 358/466; 358/534; 382/173; 382/174; 382/270 |
| 20 | Dithering method and apparatus for multitone printers | 358/1.9 | 358/3.01; 358/3.13 |
| 21 | Image processing apparatus and method | 358/1.9 | 358/518 |

| | Retrieval Classif | Inventor | S | С | P | 2 | 3 | 4 | 5 |
|----|----------------------|-----------------------------------|---|---|---|---|---|---|---|
| 14 | | Hirahara, Shuzo et al. | ⊠ | | | | | | |
| 15 | | Hirahara, Shuzo et al. | ☒ | | | | | | |
| 16 | | Rao, Ravishankar et al. | ☒ | | | | | | |
| 17 | | Urasawa, Koji | ⊠ | | | | | | |
| 18 | | Ulichney, Robert Alan | ⊠ | | | | | | |
| 19 | | Minamino, Katsushi | × | | | | | | |
| 20 | | Morris, III, Charles H. et al. | × | | | | | | |
| 21 | | Takahashi, Hiroyuki | ☒ | | | | | | |

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| 14 | US 4884080 | |
| 15 | US 4724446 | |
| 16 | US 6515770 | |
| 17 | US 6101002 | |
| 18 | US 5912745 | |
| 19 | US 6714322 | |
| 20 | US 6714318 | |
| 21 | US 6697167 | |